

Table 87-1

<b>SOUND TRANSMISSION LIMITATIONS IN NURSING FACILITIES</b>	Airborne Sound Transmission Class (STC) <sup>1</sup>	
	Partitions	Floors
New Construction		
Resident room to resident room	45	45
Public space <sup>2</sup> to resident room	50	50
Service area <sup>3</sup> to resident room	55	55

<sup>1</sup>Sound transmission class (STC) shall be determined by tests in accordance with methods set forth in ASTM E90 and ASTM E413. Where partitions do not extend to the structures above, sound transmission through ceilings and composite STC performance must be considered.

<sup>2</sup>Public space includes hallways, lobbies, dining and activity rooms, etc.

<sup>3</sup>Service areas include kitchens, laundry rooms, elevators, boiler and mechanical rooms.